Original/Duplicate/Triplicate

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. **1st & Final Bill** Date.....

Division: **BBMP, Dasarahalli** Sub-Division: **Shettyhalli Sub Division**

Bill Received No. Dated Divisional / Sub Divisional / D.R.No. : Cash Book Voucher No..... Dated..... Schedule Docket No. Head of Account:

Est.Cost: 100.00 Lakhs

Name of Work (as per sanctioned estimate) :	**Improvements to Concrete Roads in KG Halli AK Colony and Surrounding area in Shettyhalli Ward No.12 Shettyhalli Sub Division..**
Name of Contractor and Full Address :	**M/s Technical Manager (West), KRIDL No.280, 59th cross, 17th C main road, 3rd Y Block, Rajajinagara, Bangalore 560010.**
Reference to Agreement No	**EE / DD / WO / 597 / 19-20 dated : 28.03.2020**

Certified that the measurements were taken by me on 10/03/2021 and recorded in Pages 489329 489328 of measurement Book No. 4894/2021 and that the work is satisfactorily executed.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 056

Officer-in-charge of work 10/03/2021

Certified that the measurement were taken by me on 10/3/21. and found correct. The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment **Work Code: 012-20-000041 (P-code: P1878)** Sub-Division Officer

10)	Total value of work done or supplies made as per account within	
11)	Deduct amount to be held in reserve being .....percent Rs.....	
12)	" Balance	
13)	Deduct Payment:	
a.	Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.B. No:..... towards cash advance recovery of	Amount adjusted
b.	Payments cost stores or other material supplied. Now made recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	
14)	Balance being unpaid value of work done held in reserve.	
15)	Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.	
16)	Net amount due to or from Contractor	adjustments items.
17)	Advance to Contractor for materials brought to site (as detailed) within.	
18)	Value of Government materials supplied.	

1st and final Bill → 9947462=00

Labour →	198949=00
Cess →	99475=00
CBF →	9947=00
Roy →	190768=00
SD →	497373=00
CGST →	88817=00
SGST →	88817=00
Fine →	27900=00
Total amount adjusted -	8745416=00

(-) 1202046=00

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

EXECUTIVE ENGINEER
KRIDL, BBMP DIVISION
BENGALURU-560 056

Witness
1.
2.
Dated Signature of Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 056

Paid by me by Cheque No.....
Cash Rs.....
Dated.....
Initials of Officer making payment

(For use in the Office)
Audited and admitted for Rs. 9947462=00
Passed by Cheque for Rs. 8745416=00
Eighty Seven Lakh Forty Five thousand four hundred Fifteen only
1202046=00
by a/c

Executive Engineer
Exe. Engineer
B.B.M.P. Dasarahalli Division

Scanned By Scanner Go

Sl. No.	Description of Item
1	KSRRB M300-59.2. Loosening, levelling and compacting original ground supp embankment to facilitate placement of first layer of embankment I subgrade, scarified to a of 150mm, mixed with water at OMC and then compacted by rolling so as to achieve min dry density as given in Table 300-2 for embankment/subgrade including HOM constru labour etc.. complete as per specifications. MORTH Specification No. 305.3.4 (PW,P& I SR 2018-19, Pg No 147 Item No.19.66)
2	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means inclu cutting and loading to tippers, trimming bottom and side slopes, in accordance requirements of lines, grades and cross sections, and transportation with a lead of km and complete as per specifications. MORTH Specification No.301 (PW,P & IW SR 2018-19, Item No.19.14, Page No.143)
3	KSRRB 300-58. Compaction of original ground by mechanical means including fillin depression occuring during rolling including cost of all labour, HOM complete as specifications. MORTH I Chapter 3 (PW,P& IWTD SR 2018-19, Pg No 147 Item No.19.64)
4	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with lifts and leads, transporting to site, spreading, grading to required slope and compacting to m requirement Table 300-2 complete as per specifications, including cost of gravel I murru watering charges & compaction by vibratory roller to 95% of modified proctors densi MORTH Specification No. 305 (PW,P& IWTD SR 2018-19, Pg No 147 Item No.19.60)
5	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coar graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical m plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with mot grader on prepared surface and compacting with vibratory power roller to achieve the 98 ' proctor density, complete as per specifications. Clause 401 of MORTH V Revision.etc complete as per specifications and as per the direction of Engineer-in-charge of the work (PW,P& IWTD SR 2018-19, Pg No 153 Item No.20.5)
6	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending hooking, placing in position, lapping and/or welding wherever required, tying with binding wir and anchoring to the adjoining members wherever necessary complete as per disign (laps hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification.
7	KSRB 2-1 : Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications, specification. No. KBS 2 .1 (a)/2.3.1

Scanned By Scanner Go

Unit	Previous		Present Measurements			Total up to date	
	Qty	Amount	Qty	Rate	Amount	Qty	Amount
Sqm	-		1613.30	24.38	39332.25	1613.30	39332.25
Cum	-		828.66	43.46	36013.56	828.66	36013.56
Sqm	-		1599.23	6.36	10171.10	1599.23	10171.10
Cum	-		451.51	344..50	155545=00 160874.61	451.51	155545=00 160874.61
Cum	-		368.15	1994.92	734429.80	368.15	734429.80
MT	-		15.47	75223.96	1163714.66	15.47	1163714.66
Cum	-		795.94	263.94	210080.40	795.94	210080.40

Scanned By Scanner Go

8	KSRB 4-1.7 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1,4.2
9	KSRRB M2200-5.12. Providing and laying Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7 cum and fine aggregates @ 0.47 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008. i) Upto 5 m height. (PW,P& IWTD SR 2018-19 P-227, I-28.7.12)
10	Providing and fixing precast reinforced cement concrete covering slabs 10cm thick made out of M25 with OPC cement @340kgs per cum , 20mm and down size graded ranite metal coarse aggregate @0.70cm and fine aggregates @0.74 cum with super plastisizers, machine mixed , including providing and removing , centering ,shuttering strutting propping etc ., for edges of slab with TMT steel (Fe500) cost & reinforcement charges including finishing as required with cost of reinforcement etc.,complete as directed by engineer incharge of the work
11	CONCRETE PAVEMENT KSRRB M600- Cement Concrete Pavements KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1 ,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a hatching plant, transported to site,laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5 -do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver. (PW,P& IWTD SR 2018-19 P- 174, I-22.1.2)

Scanned By Scanner Go

Cum	-		131.83	5714.73	753372.86	131.83	753372.86
Cum			281.17	5775.38	1623863.59	281.17	1623863.59
Sqm			772.70	1615.00	1247910.50	772.70	1247910.50
Cum			280.19	3944.51	1105212.26	280.19	1105212.26

Scanned By Scanner Go

12	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 ove a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to18:383-2016, with Superplastizer at 3 Its conforming to IS 9103 2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades,textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. etc., complete as per specifications and as per the direction.

Certificate

1 Certified that the contractor has work done satisfactorily.

2 The contractor has removed the debries from work site.

3 There is no any dept. materials issued to contractor

Scanned By Scanner Go

Cum			279.37	5354.02	1495752.57	279.37	1495752.57
					857398=00 102948=00 343016=00 994462=00		857398=00 102948=00 343016=00 994462=00
				Total Rs	8580728.17		8580728.17
				GST add 12%	1029687.38		1029687.38
				KRIDL Charges 4%	386132.77		386132.77
				Grand Total	9996548.32		9996548.32

Assistant Engineer
Ward No 12, Shettyhalli
BBMP, Bangalore

Assistant Executive Engineer
Shettyhalli Sub Division
BBMP, Bangalore

Scanned By Scanner Go